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FEDERAL-STATE-PRIVATE  
COOPERATIVE SNOW SURVEYS

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# **WATER SUPPLY OUTLOOK FOR IDAHO**

Prepared by

**U. S. DEPARTMENT of AGRICULTURE ★ SOIL CONSERVATION SERVICE**

Collaborating with

**IDAHO STATE DEPARTMENT OF WATER ADMINISTRATION**

Data included in this report were obtained by the agencies named above in cooperation with Federal, State and private organizations listed inside the back cover of this report.

AS OF  
**MAR. 1, 1971**

## TO RECIPIENTS OF WATER SUPPLY OUTLOOK REPORTS:

Most of the usable water in western states originates as mountain snowfall. This snowfall accumulates during the winter and spring, several months before the snow melts and appears as streamflow. Since the runoff from precipitation as snow is delayed, estimates of snowmelt runoff can be made well in advance of its occurrence. Streamflow forecasts published in this report are based principally on measurement of the water equivalent of the mountain snowpack.

Forecasts become more accurate as more of the data affecting runoff are measured. All forecasts assume that climatic factors during the remainder of the snow accumulation and melt season will interact with a resultant average effect on runoff. Early season forecasts are therefore subject to a greater change than those made on later dates.

The snow course measurement is obtained by sampling snow depth and water equivalent at surveyed and marked locations in mountain areas. A total of about ten samples are taken at each location. The average of these are reported as snow depth and water equivalent. These measurements are repeated in the same location near the same dates each year.

Snow surveys are made monthly or semi-monthly from January 1 through June 1 in most states. There are about 1900 snow courses in Western United States and in the Columbia Basin in British Columbia. Networks of automatic snow water equivalent and related data sensing devices, along with radio telemetry are expanding and will provide a continuous record of snow water and other parameters of key locations.

Detailed data on snow course and soil moisture measurements are presented in state and local reports. Other data on reservoir storage, summaries of precipitation, current streamflow, and soil moisture conditions at valley elevations are also included. The report for Western United States presents a broad picture of water supply outlook conditions, including selected streamflow forecasts, summary of snow accumulation to date, and storage in larger reservoirs.

Snow survey and soil moisture data for the period of record are published by the Soil Conservation Service by states about every five years. Data for the current year is summarized in a West-wide basic data summary and published about October 1 of each year.

### PUBLISHED BY SOIL CONSERVATION SERVICE

The Soil Conservation Service publishes reports following the principal snow survey dates from January 1 through June 1 in cooperation with state water administrators, agricultural experiment stations and others. Copies of the reports for Western United States and all state reports may be obtained from Soil Conservation Service, Western Regional Technical Service Center, Room 209, 701 N. W. Glisan, Portland, Oregon 97209.

Copies of state and local reports may also be obtained from state offices of the Soil Conservation Service in the following states:

STATE	ADDRESS
Alaska	P. O. Box "F", Palmer, Alaska 99645
Arizona	6029 Federal Building, Phoenix, Arizona 85025
Colorado (N. Mex.)	12417 Federal Building, Denver, Colorado 80202
Idaho	Room 345, 304 N. 8th. St., Boise, Idaho 83702
Montana	P. O. Box 970, Bozeman, Montana 59715
Nevada	P. O. Box 4850, Reno Nevada 89505
Oregon	1218 S. W. Washington St., Portland, Oregon 97205
Utah	4012 Federal Bldg., 125 South State St., Salt Lake City, Utah 84111
Washington	360 U.S. Court House, Spokane, Washington 99201
Wyoming	P. O. Box 2440, Casper, Wyoming 82601

### PUBLISHED BY OTHER AGENCIES

Water Supply Outlook reports prepared by other agencies include a report for California by the Water Supply Forecast and Snow Surveys Unit, California Department of Water Resources, P. O. Box 388, Sacramento, California 95802 --- and for British Columbia by the Department of Lands, Forests and Water Resources, Water Resources Service, Parliament Building, Victoria, British Columbia



# **WATER SUPPLY OUTLOOK FOR IDAHO**

and  
FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

*Issued by*

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*Report prepared by*

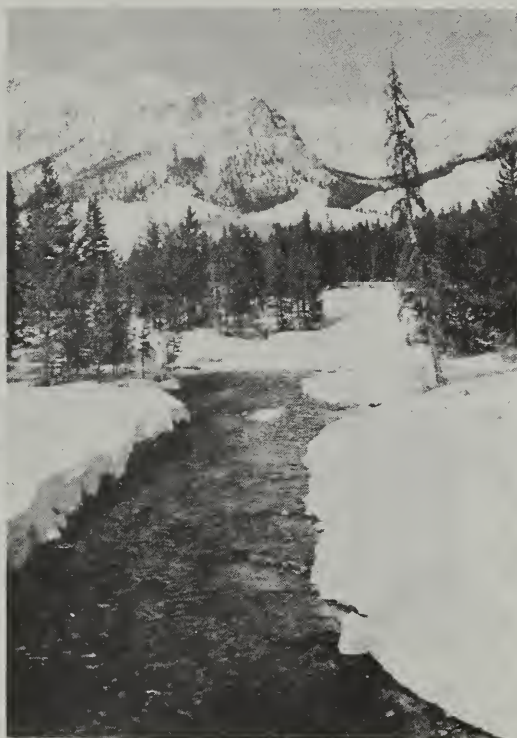
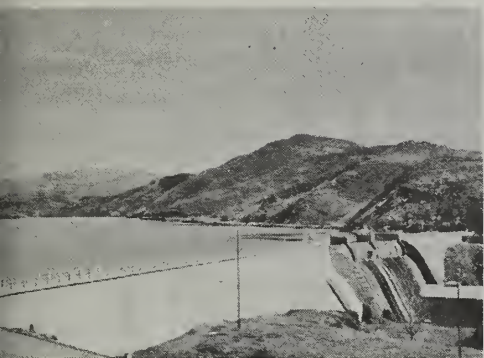
MORLAN W. NELSON, Snow Survey Supervisor  
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SOIL CONSERVATION SERVICE  
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ROOM 345, 304 N. 8th. ST.  
BOISE, IDAHO 83702



# WATER SUPPLY OUTLOOK for IDAHO



## GENERAL SUMMARY FOR MARCH 1, 1971

Snowfall during February was below normal throughout the entire State of Idaho. However, on the Kootenai River drainage in Canada, there was a significant increase in the rate snowfall occurred during February. As a result of early storms, an extremely heavy snowpack extends throughout the rivers in the southern half of Idaho. Snow cover water contents now vary from 110% of normal on the Clearwater River to 180% above on Camas-Beaver Creeks near Dubois. The water supply outlook is excellent for the entire state.

The snowpack at lower elevations which usually begins to melt in the latter part of February continued to increase in water content. This fact offsets the below normal snowfall during February at higher elevations as far as flood potential is concerned. The low elevation snow still poses a serious flood threat depending upon the rate of snowmelt and precipitation during March and early April.

The general increase in snowfall and runoff since 1961 has resulted in carryover storage equaling or exceeding storage for this time of the year back to 1922 on the Oakley and Salmon Falls Creek Reservoirs.

Soil moisture in general at the lower elevations remains high or saturated making all of the lower elevation drainages unusually sensitive to rainfall or fast snowmelt.

The production of forage in the valleys of Idaho should be unusually high because of the excellent soil moisture conditions. Desert reservoirs such as those in the vicinity of Mountain Home and in Owyhee county are already filled to capacity for the first time in many years. The Portneuf River above Bancroft, the Malad River, Marsh Creek near Downey, Montpelier Creek, and Camas-Beaver Creek areas all have an exceptionally heavy snowpack extending down to low elevations.

General plans for handling high water should be considered throughout southern Idaho in the event of adverse melting conditions or rain storms in the next six weeks.

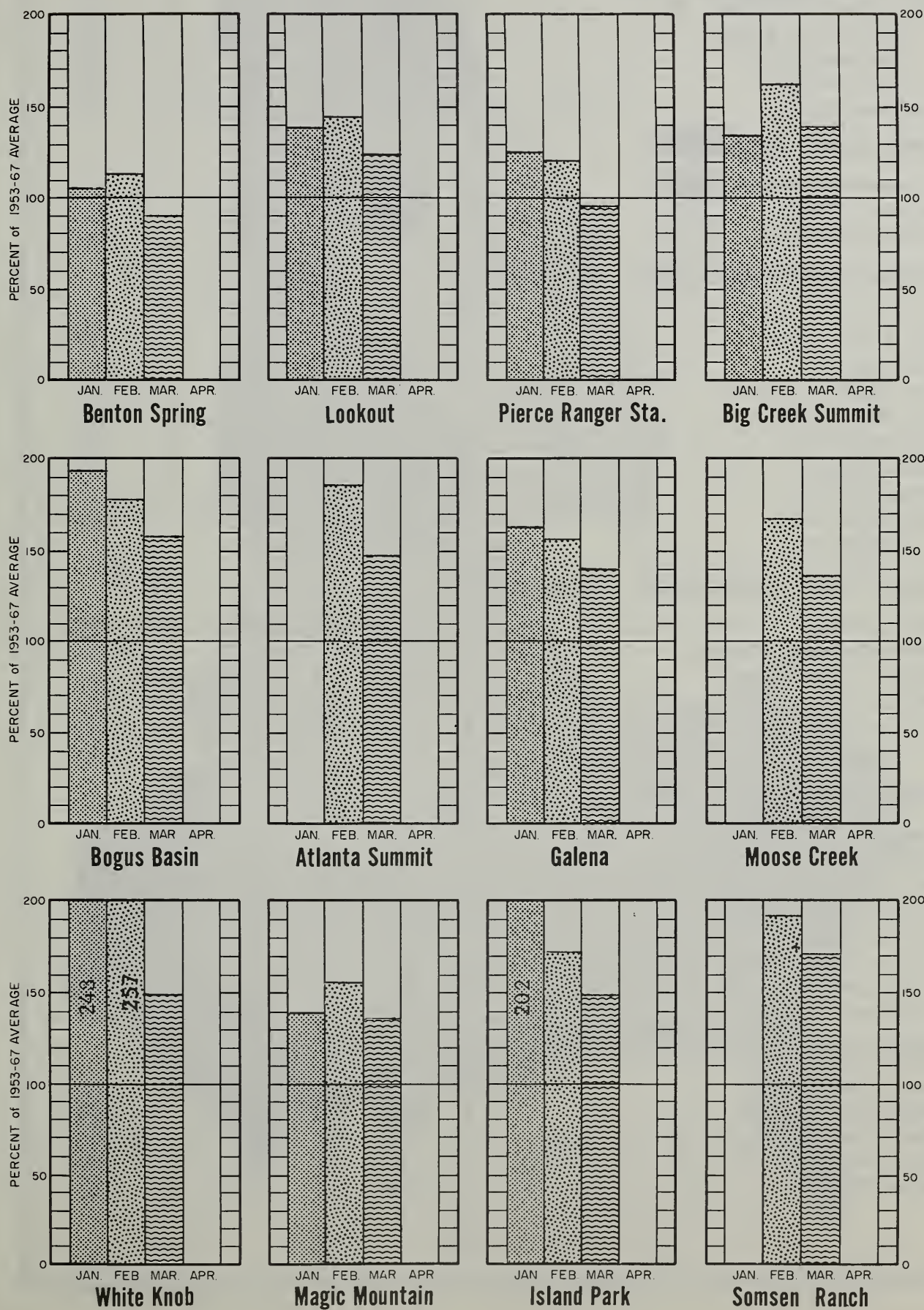
Precipitation followed the same pattern as snowfall - being well below normal at practically all stations. The runoff in general during the month was above normal on all streams and rivers. Reservoir storage is unusually high at all storage facilities.

# SNOW WATER DEPTHS ACCUMULATION

## For Selected Snow Courses

As Compared To 1953-67 15 Yr. Average

MARCH 1, 1971

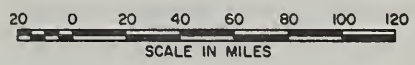


## COMPARISON of SNOW COVER

RIVER BASIN WATERSHED	NO.OF COURSES AVERAGED	THIS YEARS SNOW WATER EXPRESSED AS PERCENT OF :	
		LAST YEAR	1953-57 AVERAGE
<u>UPPER COLUMBIA RIVER BASIN</u>			
Kootenai River	19	131	116
Pend Oreille River	36	134	121
Clark Fork River	26	143	122
Flathead River	19	126	120
Priest River	3-5	110	110
Spokane River	10-13	125	110
<u>LOWER SNAKE RIVER BASIN</u>			
Clearwater River	18-26	125	110
Salmon River	16-26	130	135
Lemhi River	4-7	150	120
<u>MIDDLE SNAKE RIVER BASIN - Northside</u>			
Little Lost River	5-6	165	125
Big Lost River	7-16	150	140
Fish Creek	2-3	165	150
Little Wood River	4-5	180	150
Big Wood River	10-12	150	145
Canyon Creek	1-7	95	130
Boise River	15-21	125	145
Payette River	14-20	115	145
Weiser River	2-4	110	140
Mann Creek	4	125	--
<u>MIDDLE SNAKE RIVER BASIN - Southside</u>			
Raft River	7	105	135
Goose-Trapper Creeks	2	100	130
Salmon Falls Creek	10-11	120	145
Bruneau River	5	120	150
Owyhee River	5	66	75
Jordan Creek	3	100	130
<u>UPPER SNAKE RIVER BASIN</u>			
Upper Snake - Wyoming	21	135	140
Camas-Beaver Creeks	2	170	180
Medicine Lodge Creek	2	190	175
Henrys Fork River	10-12	145	140
Teton River	2-4	110	115
Willow-Sand Creeks	8	120	--
Blackfoot River	4	125	155
Portneuf River	3-8	160	145
<u>GREAT BASIN</u>			
Bear River	12	150	150
Montpelier Creek	4-6	150	150
Mink Creek	4-5	155	150
Cub River	2	160	140
Malad River	2-6	145	155

# SNOW WATER DEPTHS

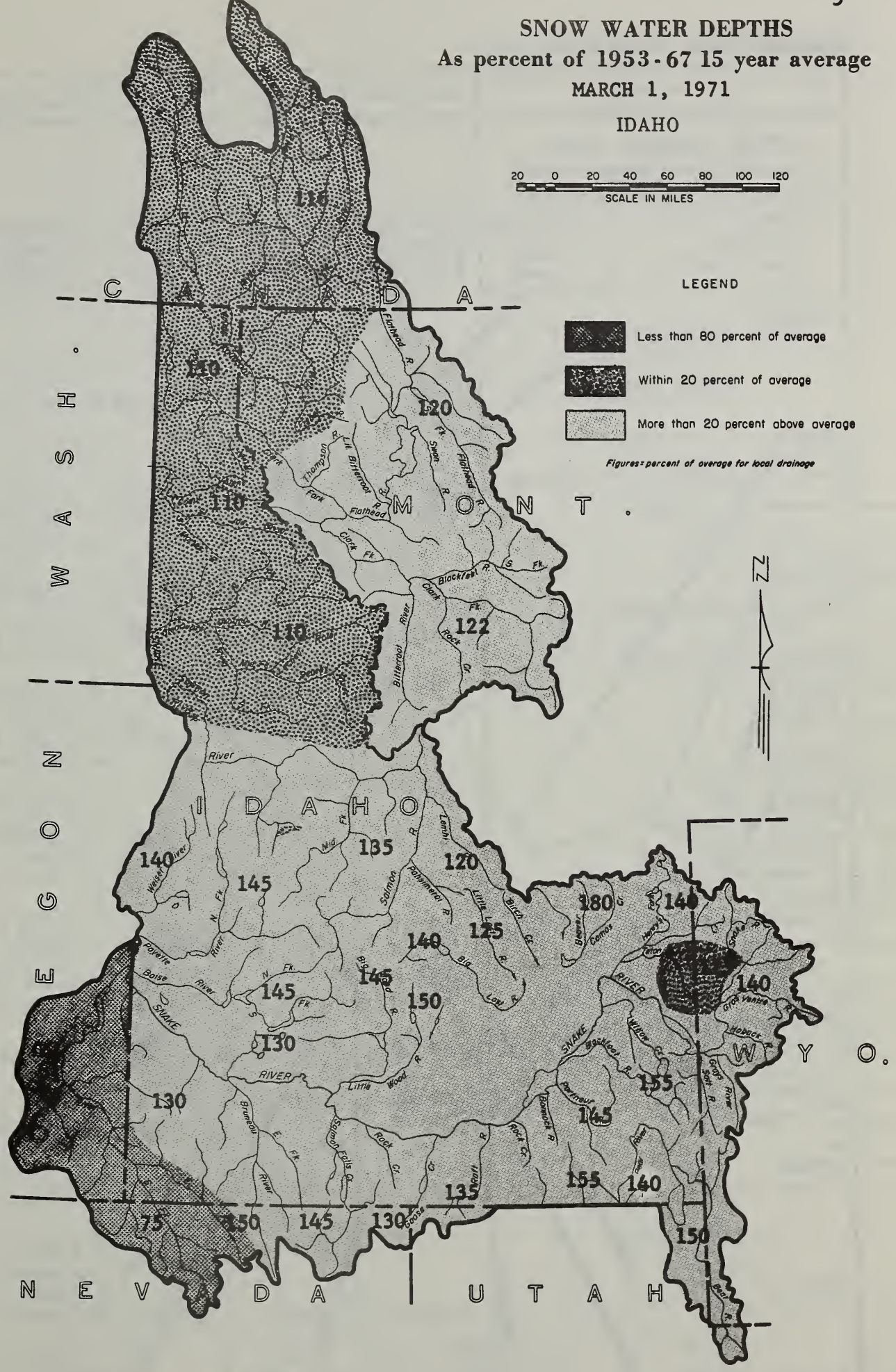
As percent of 1953-67 15 year average  
MARCH 1, 1971  
IDAHO



## LEGEND

- Less than 80 percent of average
- Within 20 percent of average
- More than 20 percent above average

Figures=percent of average for local drainage



## RESERVOIR STORAGE (1,000 Ac. Ft.)

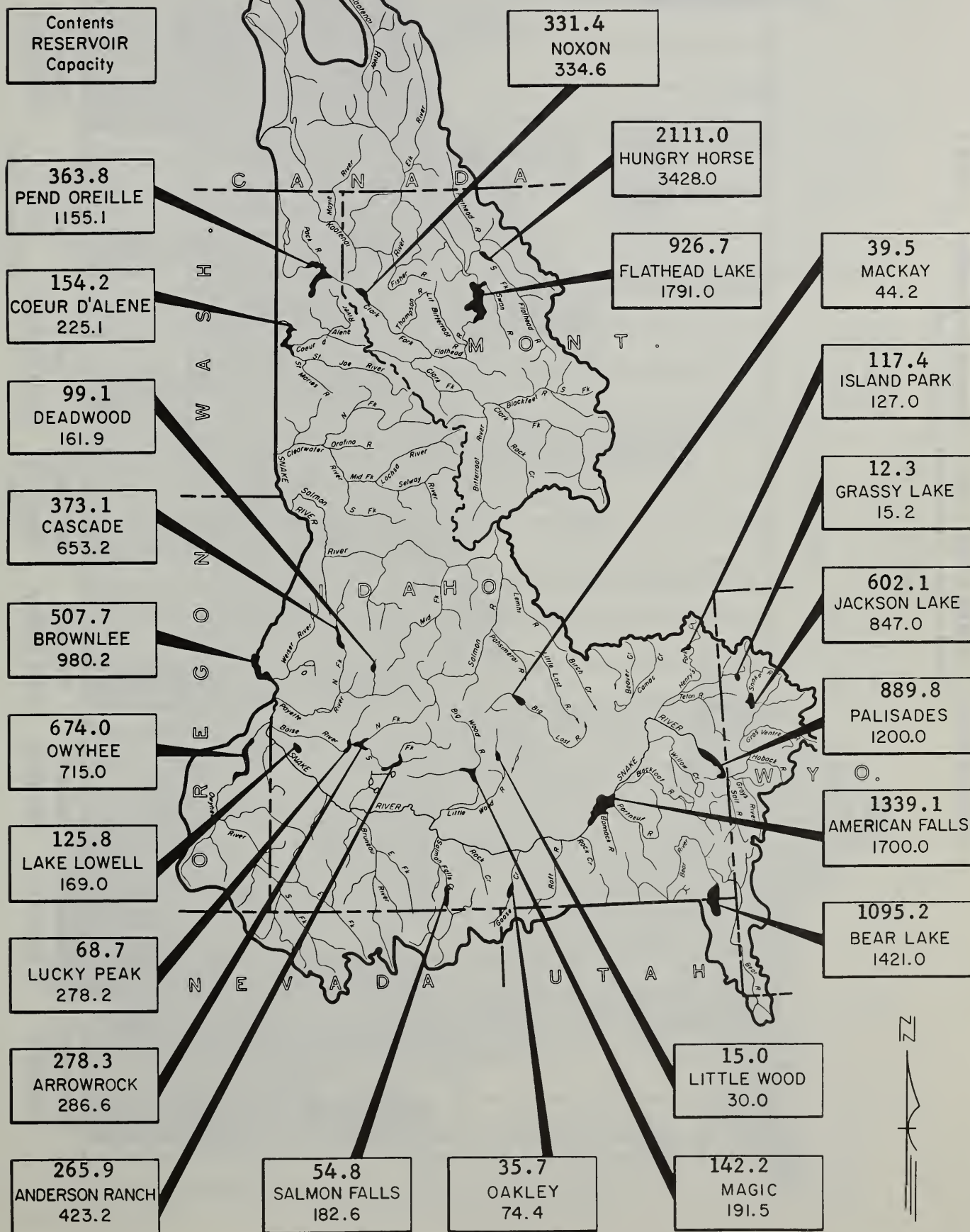
RESERVOIR	USABLE CAPACITY	MEASURED (First of Month)		
		THIS YEAR	LAST YEAR	1953-67 AVERAGE
<u>UPPER COLUMBIA BASIN</u>				
<u>Clark Fork - Pend Oreille</u>				
Hungry Horse	3428.0	2111.0	2038.0	2269.0*
Flathead	1791.0	926.7	908.7	963.0
Pend Oreille	1155.1	363.8	549.9	508.6
Noxon	334.6	331.4	313.7	293.4*
<u>Spokane</u>				
Coeur d'Alene	225.1	154.2	161.5	136.2
<u>SNAKE BASIN</u>				
<u>Snake</u>				
Jackson Lake	847.0	602.1	627.0	440.8
Palisades	1200.0	889.8	925.2	711.4*
American Falls	1700.0	1339.1	1446.5	1431.6
Island Park	127.0	117.4	132.7	113.2
Grassy Lake	15.2	12.3	8.8	10.8
Brownlee	980.2	507.7	477.8	400.4*
<u>Goose-Trapper Creeks</u>				
Oakley	74.4	35.7	19.5	16.8
<u>Salmon Falls Creek</u>				
Salmon Falls	182.6	54.8	34.1	27.4
<u>Big Lost</u>				
Mackay	44.2	39.5	33.7	31.3
<u>Big Wood</u>				
Magic	191.5	142.2	131.1	102.5
<u>Little Wood</u>				
Little Wood	30.0	15.0	20.6	13.1*
<u>Fish Creek</u>				
Carey Valley	14.4	9.3	11.2	--
<u>Boise</u>				
Anderson Ranch	423.2	265.9	277.8	213.9
Arrowrock	286.6	278.3	278.0	252.6
Lucky Peak	278.2	68.7	71.5	106.6*
Lake Lowell (Deer Flat)	169.0	125.8	143.9	127.9
<u>Owyhee</u>				
Owyhee	715.0	674.0	673.2	411.8
<u>Payette</u>				
Cascade	653.2	373.1	315.1	274.2
Deadwood	161.9	99.1	83.4	74.0
<u>Weiser</u>				
Mann Creek	11.1	10.0	10.0	--
<u>GREAT BASIN</u>				
<u>Bear</u>				
Bear Lake	1421.0	1095.2	1134.9	871.4
* Period of Record.				

# RESERVOIR STORAGE

USABLE CONTENTS (1,000 Acre Feet)

MARCH 1, 1971

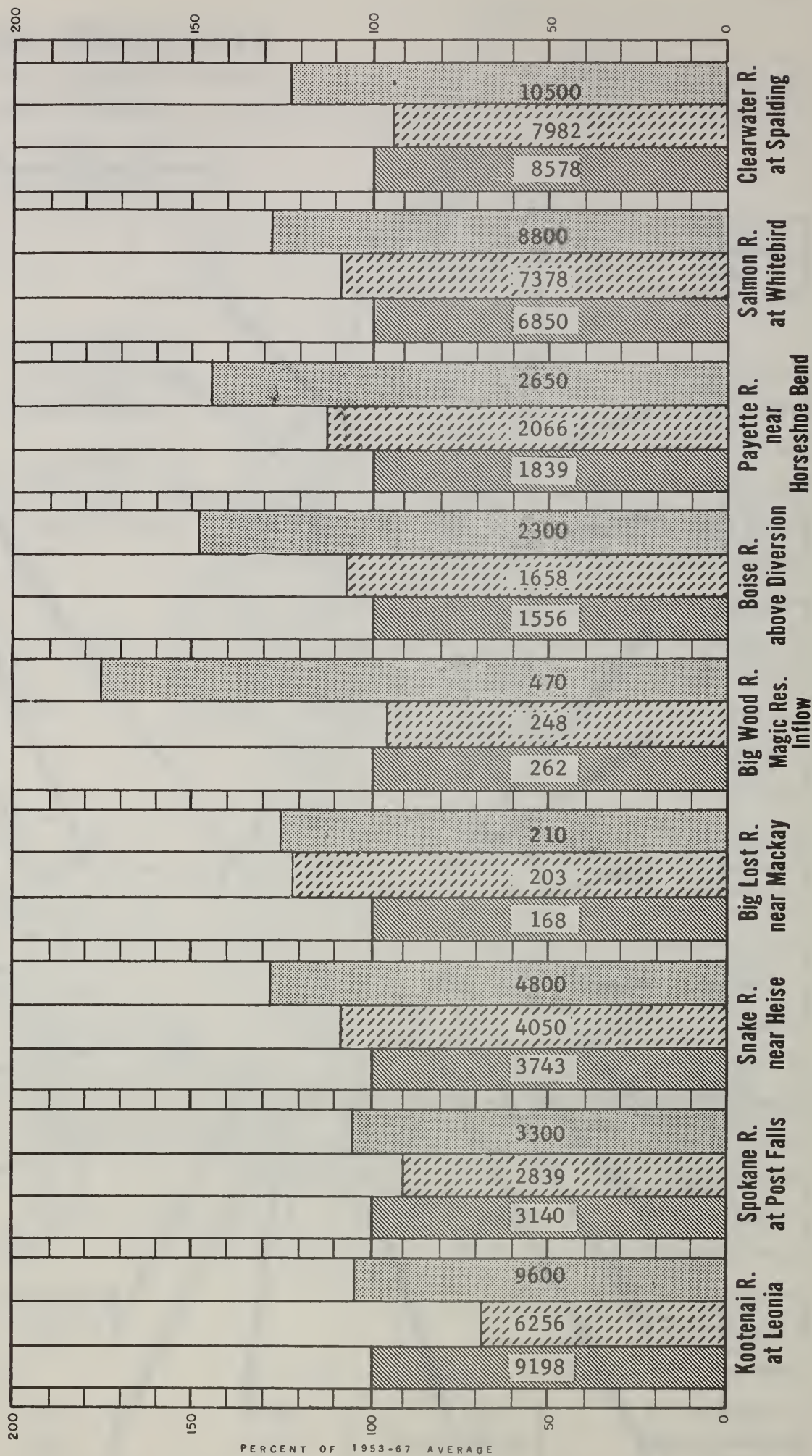
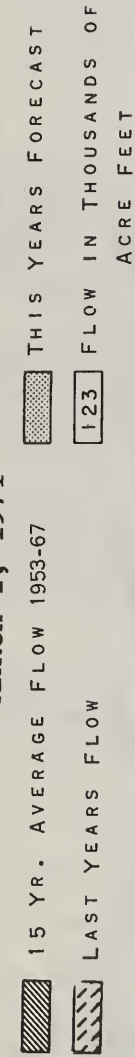
50 0 50 100 150  
SCALE IN MILES



# STREAMFLOW FORECASTS (April through September period )

Based on Snow Surveys made on approximately

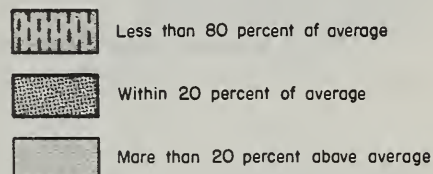
MARCH 1, 1971



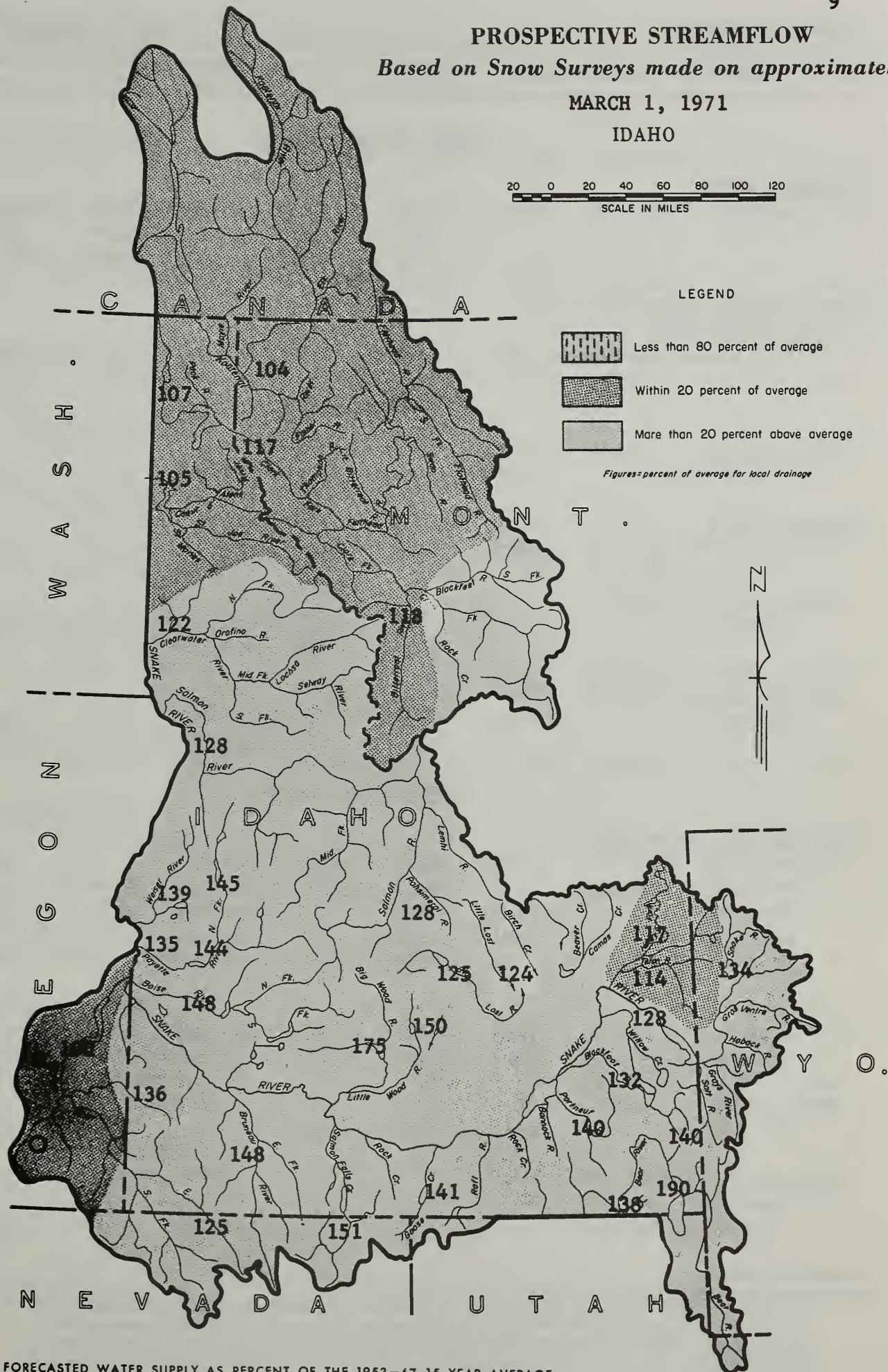
**PROSPECTIVE STREAMFLOW**  
*Based on Snow Surveys made on approximately*  
**MARCH 1, 1971**  
**IDAHO**

20 0 20 40 60 80 100 120  
 SCALE IN MILES

**LEGEND**



*Figures=percent of average for local drainage*



FORECASTED WATER SUPPLY AS PERCENT OF THE 1953-67 15 YEAR AVERAGE

## STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR			PAST RECORD	
	FORECAST		FORECAST PERIOD	THOUSAND ACRE FEET	
	Thousand Acre Feet	Percent of Average		Last Year	Average †

UPPER COLUMBIA BASINKOOTENAI RIVER

Leonia	(at)	9600	104	Apr-Sep	6256	9198
		8500	105	Apr-Jul	5409	8072
		6800	105	Apr-Jun	4494	6463

PEND OREILLE RIVERClark Fork River

Whitehorse Rapids	(at)	16400	117	Apr-Sep	--	13987
		14970	117	Apr-Jul	--	12787
		12850	117	Apr-Jun	--	10953

Priest River

Priest River <u>1/</u>	(nr)	980	107	Apr-Jul	679	914
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SPOKANE RIVER

Post Falls <u>2/</u>	(at)	3300	105	Apr-Sep	2839	3140
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Coeur d'Alene River

Cataldo	(nr)	1320	105	Apr-Sep	1137	1259
		1260	105	Apr-Jul	--	1201

St. Joe River

Calder	(at)	1430	105	Apr-Sep	1254	1359
		1350	105	Apr-Jul	--	1291

SNAKE RIVER BASINSNAKE RIVER - MAIN STEM

Moran <u>3/</u>	(at)	1135	134	Apr-Sep	--	846
Palisades Inflow <u>3/</u>		3450	135	Apr-Sep	--	3500
Heise <u>4/</u>	(nr)	4800	128	Apr-Sep	4050	3743
Blackfoot <u>5/</u>	(nr)	4950	128	Apr-Jul	--	3871
Weiser	(at)	8500	135	Apr-Sep	7172	6306

Henrys Fork

Ashton <u>6/</u>	(nr)	710	117	Apr-Sep	--	609
Rexburg <u>7/</u>	(nr)	1440	117	Apr-Sep	--	1229

Teton River

St. Anthony	(nr)	450	114	Apr-Sep	--	394
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Blackfoot River

Blackfoot Reservoir Inflow		135	132	Apr-Sep	--	102*
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\*1948-62 Average

(c) Assuming normal meteorological conditions. 1/ Observed flow corrected for storage in Priest Lake. 2/ Observed flow corrected for storage in Coeur d'Alene Lake. 3/ Corrected for storage in Jackson Lake. 4/ Corrected for storage in Jackson Lake and Palisades. 5/ Corrected for storage in Jackson Lake, Palisades, Island Park, Henry's Lake, Grassy Lake and diversions between Heise and Blackfoot. 6/ Corrected for storage in Henry's Lake and Island Park Reservoir. 7/ Corrected for storage in Henry's Lake, Island Park, Grassy Lake and diversions between Ashton and Rexburg.

## STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT		THIS YEAR			PAST RECORD	
		FORECAST		FORECAST PERIOD	THOUSAND ACRE FEET	
		Thousand Acre Feet	Percent of Average		Last Year	Average †
<u>Portneuf River</u>						
Topaz	(at)	110	140	Mar-Sep	--	79.4
<u>Oakley Reservoir Inflow</u>		35	141	Mar-Sep	--	24.9
<u>Salmon Falls Creek</u>						
San Jacinto	(nr)	105	151	Mar-Sep	--	69.7
		100	151	Mar-Jul	--	66.5
<u>Bruneau River</u>						
Hot Springs	(nr)	280	148	Mar-Sep	--	191
<u>Little Lost River</u>						
Howe	(nr)	47	124	Mar-Sep	--	37.8
<u>Big Lost River</u>						
Howell Ranch	(at)	240	122	Apr-Sep	--	196
		170	124	Apr-Jun	--	137
Mackay 1/	(nr)	210	125	Apr-Sep	203	168
<u>Big Wood River</u>						
Magic Reservoir						
Inflow 2/		470	175	Apr-Sep	248	262
		480	179	Mar-Jul	--	268
<u>Little Wood River</u>						
High Five Creek	(ab)	120	150	Apr-Sep	--	80
<u>Boise River</u>						
Twin Springs	(nr)	1000	139	Apr-Sep	783	718
		930	140	Apr-Jul	724	666
Boise 3/	(nr)	2300	148	Apr-Sep	1658	1556
<u>South Fork</u>						
Anderson Dam 4/	(at)	875	152	Apr-Sep	--	577
<u>Owyhee River</u>						
Gold Cr., Nev. 5/	(nr)	20	125	Apr-Jul	--	16.1
Owyhee, Nev. 5/	(nr)	73	122	Apr-Jul	--	60
Lake Owyhee		300	100	Apr-Sep	306	300
net inflow 6/		369	100	Mar-Jul	353	369
<u>Jordan Creek</u>						
Lone Tree Creek	(ab)	112	132	Apr-Jul	--	85
		116	136	Apr-Sep	--	85

(c) Assuming normal meteorological conditions. 1/ Observed flow corrected for storage in Mackay Reservoir  
 2/ Combined flow Big Wood River nr. Bellevue and Camas Creek nr. Blaine. 3/ Corrected for storage in Arrow-  
 rock, Anderson Ranch and Lucky Peak. 4/ Corrected for storage in Anderson Ranch Reservoir. 5/ Corrected for  
 storage in Wild Horse Reservoir. 6/ From U.S.B.R. records of inflow.

† 1953-1967 period.

## STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT		THIS YEAR			PAST RECORD		
		FORECAST		FORECAST PERIOD	THOUSAND ACRE FEET		
		Thousand Acre Feet	Percent of Average		Last Year	Average †	
<u>Payette River</u>							
Horseshoe Bend <u>1/</u>	(nr)	2650	144	Apr-Sep	2066	1839	
Banks <u>2/</u>	(nr)	1400	144	Apr-Jul	--	984	
<u>North Fork</u>							
Cascade <u>3/</u>	(at)	800	145	Apr-Sep	640	553	
Banks <u>3/</u>	(nr)	1040	145	Apr-Sep	--	718	
<u>Weiser River</u>							
Weiser ab. Crane Creek <u>4/</u>		700	139	Mar-Sep	--	504	
<u>Salmon River</u>							
Whitebird	(at)	8800	128	Apr-Sep	7378	6850	
Challis	(nr)	1140	128	Apr-Sep	--	892	
		1000	128	Apr-Jul	--	779	
<u>Clearwater River</u>							
Spalding	(at)	10500	122	Apr-Sep	7982	8578	
<u>GREAT BASIN</u>							
<u>BEAR RIVER</u>							
Harer	(at)	430	190	Apr-Sep	--	226	
<u>Montpelier Creek</u>							
Montpelier	(nr)	15	140	Apr-Sep	--	10.7	
<u>Cub River</u>							
Preston	(nr)	65	138	Apr-Sep	--	47.8*	

\*1956-1967 Average.

(c) Assuming normal meteorological conditions. 1/ Corrected for storage in Cascade and Deadwood Reservoirs. 2/ Corrected for storage in Deadwood Reservoir. 3/ Corrected for storage in Cascade Reservoir. 4/ Observed flow of Weiser River nr. Weiser minus observed flow of Crane Creek at mouth. † 1953-1967 period.

VALLEY PRECIPITATION 1/

## Division Averages and Departures

In Inches

DRAINAGE DIVISIONS	Winter		Fall - Winter	
	February 1971		Nov. 70 - Feb. 71	
	Observed	Departure <u>2/</u>	Observed	Departure <u>2/</u>
Kootenai, Canada & U. S.	1.66	-0.63	13.40	+1.19
Flathead	1.34	-0.43	10.36	+1.74
Clark Fork	.63	-0.04	3.90	+0.17
Pend Oreille-Spokane	2.41	-0.60	16.24	+0.76
Upper Snake	1.64	-0.25	11.16	+2.82
Snake River Plain	.51	-0.20	5.32	+1.78
Salmon-Payette-Boise	1.23	-0.60	13.45	+4.08
Clearwater	1.85	-0.27	11.93	+0.82
Owyhee-Malheur	.47	-0.38	5.96	+1.68

1/ Preliminary analysis and data by the National Weather Service and Meterological Service of Canada.

2/ Departure from 15-year (1953-67) drainage division average.



## SNOW

DRAINAGE BASIN and SNOW COURSE			CURRENT INFORMATION			PAST RECORD	
			DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	WATER CONTENT (Inches)	
NAME	NO.	ELEVATION				LAST YEAR	AVERAGE <sup>b</sup>

UPPER COLUMBIA RIVER BASINPEND OREILLE - PRIEST RIVER

Benton Meadow	16A2	2344	2/26	19	7.1	8.8	5.8
Benton Spring	16A3	4900	2/26	50	16.3	19.0	18.2
#Mosquito Ridge (A)	16A4	5110	3/2	111	41.1	38.4	33.8*
#Mosquito Ridge	16A4	5110	2/16	92	34.4	38.4	33.8*
#Mosquito Ridge (SP)	16A4	5110	2/16	--	29.4	--	--
Schweitzer Bowl	16A6	4500	2/25	80	31.5	25.7	--
Schweitzer Ridge	16A5	6100	2/25	112	43.3	33.5	--

SPOKANE RIVER

Above Burke	15B8	4100	2/26	79	28.6	17.1	--
Above Burke (SP)	15B8	4100	2/26	--	23.4	--	--
Copper Ridge	16B2	4800	3/1	75	28.4	24.8	26.0
#Forty-nine Mdws. (A)	15B3	5000	3/2	93	32.8	24.2	28.6*
Fourth of July Summit	16B3	3100	2/26	31	8.1	9.5	10.5*
Granite Peak (A)	15B13	6000	3/2	134	41.3	33.2	41.8*
Lookout	15B2	5250	2/26	108	40.0	31.9	32.3
#Lost Lake (A)	15B14	6000	3/2	165	56.4	46.6	53.6*
Lower Sands Creek	16B1	3400	2/25	63	19.5	17.6	17.8
Medicine Ridge (A)	15B4	6150	3/2	139	43.2	34.0	43.6*
Mosquito Ridge (A)	16A4	5110	3/2	111	41.1	38.4	33.8*
Mosquito Ridge	16A4	5110	2/16	92	34.4	38.4	33.8*
Outlaw Creek (A)	15B12	3750	3/2	60	16.9	11.2	13.7*
Roland Summit (A)	15B5	5200	3/2	94	34.8	29.7	--
Sherwin	16C1	3200	3/1	43	13.4	11.1	--
Sherwin (SP)	16C1	3200	3/1	--	14.0	--	--

LOWER SNAKE RIVER BASINPALOUSE RIVER

Crumarine Creek	16C6	3340	3/2	15	4.5	5.9	6.4*
East Twin	16C3	4050	3/2	15	4.9	11.0	12.3*
Howard Creek	16C5	3450	3/1	4	0.8	4.1	4.5*
Moscow Mountain	16C2	4400	3/2	48	15.9	15.1	15.7*
West Twin	16C4	4250	3/2	19	5.6	9.1	11.1*

CLEARWATER RIVER

Above Greer	16C11	1240	3/2	0	0.0	0.0	0.0*
Anderson Butte (A)	15D7	6800	2/23	96	33.6	24.4	--
Anderson Ridge (A)	15D8	5400	2/22	59	19.5	17.5	--
Buck Meadows	15D5	5600	2/22	75	27.4	21.0	--
Cayuse Airstrip	15C3	3700	3/2	38	12.8	10.0	11.2
Coolwater Mountain	15C7	6200	3/4	98	34.8	--	--

(b) 1953-67, 15 year period. \* Not located directly on this drainage. \* Estimated 1953-67, 15 year Average. (A) Aerial observation: Water content estimated. (SP) Pressure Pillow snow-water equivalent. (R) Radioactive Gage snow-water equivalent.

## SNOW

DRAINAGE BASIN and SNOW COURSE			CURRENT INFORMATION			PAST RECORD	
			DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	WATER CONTENT (Inches)	
NAME	NO.	ELEVATION				LAST YEAR	AVERAGE <sup>b</sup>
Coolwater Mountain (R)	15C7	6200	3/1	--	32.8	25.6	--
Coolwater Mountain(SP)	15C7	6200	3/1	--	26.6	20.8	--
Copper Butte	15D10	6900	2/22	80	26.4	23.8	--
Cottonwood Butte	16C16	5140	2/22	35	10.8	11.2	--
Crater Meadows	15C9	6100	3/2	115	49.6	33.8	39.8*
Crooked Fork	14C10	3800	2/25	42	14.5	9.6	--
Disgrace Butte (A)	15D11	6600	2/22	75	24.8	19.8	--
Elk Butte	16C15	5550	3/2	103	36.4	33.0	35.8*
Elk Mountain	15D13	6900	2/22	113	40.4	28.8	--
Falls Point (A)	15C11	4600	2/22	45	13.5	11.9	--
Fish Lake Airstrip	15C2	5000	2/23	104	41.8	33.0	36.2
Forest	16C9	4550	2/26	20	4.8	4.3	6.0*
Forty-nine Mdws. (A)	15B3	5000	3/2	93	32.8	24.2	28.6*
Goat Lake	14C9	6600	3/2	127	43.4	39.0	45.0*
#Granite Peak	15B13	6000	3/2	134	41.3	33.2	41.8*
Greer Summit	16C13	3000	3/2	T	T	0.0	0.0*
Hemlock Butte	16C6	5500	3/4	156	54.3	40.4	43.2*
Hemlock Butte (R)	16C6	5500	2/23	--	51.3	42.8	--
Hemlock Butte (SP)	16C6	5500	2/23	--	56.3	42.8	--
Hemlock Butte (SP)	16C6	5500	3/1	--	58.7	41.0	--
#Hoodoo Basin Mont.	15C10	6000	2/26	149	56.2	39.3	--
#Hoodoo Basin(SP)Mont.	15C10	6000	3/1	--	48.6	41.5	--
#Hoodoo Creek Mont.	15C1	5900	2/26	141	51.6	37.7	42.5*
Horse Creek #1 (A)	15C14	5500	2/22	69	28.5	15.2	--
Horse Creek #4 (A)	15C15	5400	2/22	79	23.7	19.8	--
Horse Creek #2 (A)	--	5100	2/22	60	18.0	--	--
Horse Creek #3 (A)	--	5100	2/22	60	19.8	--	--
Horse Point (A)	15D21	5700	2/22	51	18.9	16.8	--
Indian Hill (A)	15D22	6100	2/22	48	16.8	11.9	--
Lolo Pass	14C5	5230	2/25	95	32.4	25.6	29.0*
Lost Lake (A)	15B14	6000	3/2	165	56.4	46.6	53.6*
Lower Snowhaven	16D7	5250	2/22	50	15.4	15.1	--
McCann	16C8	4300	2/26	18	5.8	3.3	5.7*
Meadow Cr. Lookout(A)	15D17	7000	2/22	90	32.4	18.0	--
#Medicine Ridge	15B4	6150	3/2	139	43.2	34.0	43.6*
Midway	16C12	2200	3/2	T	T	0.0	--
Mill Site	15D18	6700	2/22	89	30.5	18.6	--
Mountain Meadows	15D6	6300	2/22	76	24.4	17.6	--
#Nez Perce Pass Mont.	14D1	6575	2/24	51	16.6	13.6	13.8*
Orogrande Mountain	15D4	7800	2/22	106	38.0	--	--
Orogrande Mtn. (R)	15D4	7800	3/1	--	39.9	29.2	--
Pierce Ranger Station	15C5	3170	3/1	37	9.9	5.6	10.3
Powell Ranger Station	14C6	4230	2/24	38	14.3	9.8	13.2*
Sable Hill (A)	15D20	6000	2/23	60	20.4	14.8	--
Savage Pass	14C4	6600	2/24	78	28.3	19.8	24.9*
Shanghai Summit	15C4	4600	3/4	81	27.2	21.6	22.7*
Sweeney	16C10	4435	2/26	17	4.8	3.5	6.0*
Upper Snowhaven	16D4	5600	2/22	52	17.4	16.7	--

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## SNOW

DRAINAGE BASIN and SNOW COURSE			CURRENT INFORMATION			PAST RECORD	
			DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	WATER CONTENT (Inches)	
NAME	NO.	ELEVATION				LAST YEAR	AVERAGE <sup>b</sup>

SALMON RIVER

Big Creek Summit	15E2	6600	2/26	115	41.8	33.3	30.1
Borah (A)	13E8	8250	3/2	24	6.0	4.2	--
#Boulder Creek	16D1	5500	2/26	86	27.2	24.8	21.0*
Brundage Mountain	16D6	7560	2/25	141	55.2	48.0	--
Chapman Creek	16D2	4215	2/22	9	1.8	0.0	2.6*
#Deadwood Summit (A)	15E4	7000	3/2	156	56.6	51.6	38.2*
Doublespring Pass (A)	13E25	8400	3/2	37	9.2	10.9	--
#Galena Summit	14F12	8795	2/28	86	28.8	18.6	19.3
#Gibbons Pass Mont.	13D2	7100	2/23	72	26.8	18.9	19.5
Johns Creek	16D3	3805	2/22	2	0.3	0.0	1.6*
Keystone (A)	14E6	7700	3/2	37	10.7	7.9	--
Leatherman Pass (A)	13E24	9800	3/2	72	25.1	21.7	--
#Lemhi Pass Mont.	13E1	7480	2/24	34	9.4	5.2	6.9
#Lemhi Ridge Mont.	13E23	8100	2/24	42	11.4	5.8	--
Mill Creek Summit	14E1	8870	2/28	74	25.8	16.9	19.3*
Moose Creek	13D16	6200	2/26	61	19.4	14.9	14.2
Morgan Creek	14E4	7580	2/25	54	15.6	10.4	13.4*
Redfish Lake	14E2	6600	2/27	45	13.2	9.1	--
#Rock Flat Summit	16E1	5200	2/25	67	23.0	17.8	15.3
#Secesh Summit	15D1	6600	2/28	113	39.3	31.5	--
#Squaw Flat (A)	16E5	6230	3/2	91	33.0	29.0	--
#Squaw Meadow	15D2	5800	2/28	123	43.4	34.2	32.1*
Twin Peaks (A)	14E3	10300	3/2	88	30.7	22.0	--
Vienna Mine (A)	14F4	8900	3/2	113	42.9	22.8	30.3*
Whitebird Summit	16D5	4390	2/22	25	7.3	1.8	5.3*
Williams Creek Summit	15D4	7800	2/25	51	15.3	10.5	10.8*

Lemhi River

Above Gilmore	13E19	8200	2/27	40	10.0	7.3	8.3*
Aspen-Hall Pass	13E21	8110	2/26	38	9.5	7.6	--
Copes Camp	13E17	7500	2/26	34	7.8	4.4	6.5*
Gertson Creek (A)	13D17	8050	2/28	34	8.5	4.0	--
Hall Creek	13E20	7560	2/26	22	4.2	4.0	--
Meadow Lake	13E18	9100	2/27	62	19.9	13.6	17.0*
Schwartz Lake	13E16	8500	2/26	46	12.9	8.4	10.5*

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## SOIL MOISTURE

STATION		PROFILE (Inches)		SOIL MOISTURE (Inches)			
NAME	ELEVATION	DEPTH	CAPACITY	DATE	THIS YEAR	LAST YEAR	2 YEARS AGO
<u>SPOKANE RIVER</u>							
Fourth of July Summit	3100	48	11.6	2/26	10.3	10.2	10.1
Lookout	5250	48	11.0	2/26	8.4	7.5	8.4
<u>CLEARWATER RIVER</u>							
Brown	3100	36	6.7	3/2	5.9	5.8	5.7
Midway	2200	36	6.1	3/2	5.0	5.1	5.2
<u>SALMON RIVER</u>							
Mill Creek Summit	8870	48	8.4	2/28	5.5	4.4	6.7
<u>Lemhi River</u>							
Above Gilmore	8200	60	5.4	2/27	2.8	2.4	4.3
Meadow Lake	9100	48	4.4	2/27	2.4	1.9	2.6

DRAINAGE BASIN and SNOW COURSE			CURRENT INFORMATION			PAST RECORD	
			DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	WATER CONTENT (Inches)	
NAME	NO.	ELEVATION				LAST YEAR	AVERAGE <sup>b</sup>

### MIDDLE SNAKE RIVER BASIN - NORTHSIDE

#### LITTLE LOST RIVER

Fairview Guard Sta.	13E5	6750	2/24	19	4.4	4.3	4.1*
Lost Garfield	13E3	6600	2/24	17	4.4	3.2	3.4*
Moonshine	13E6	7450	2/24	40	10.1	6.6	9.4*
Sawmill Canyon	13E4	6900	2/24	31	8.8	6.0	7.1*
Swauger Lake (A)	13E9	9050	3/2	42	10.5	5.1	--
Wet Creek Summit	13E7	7600	2/25	50	14.6	6.7	9.3*

#### BIG LOST RIVER

Bear Canyon	13F3	7920	3/2	68	22.5	13.0	15.2
Cherry Creek Pass (A)	13F13	8900	3/2	5	1.4	0.9	--
Copper Basin	13F2	7650	3/2	36	12.0	6.2	8.0
#Doublespring Pass (A)	13E25	8400	3/2	37	9.2	10.9	--
Dry Fork	13F20	7340	2/23	54	18.2	12.4	--
Fishpole Lake (A)	13F8	9350	3/2	69	23.1	17.9	--
Grasshopper (A)	13F7	8400	3/2	53	17.8	8.8	--
Iron Bog	13F11	7650	2/23	56	17.6	9.4	11.0*
Leadbelt	13F12	6800	2/23	40	10.4	5.4	8.0*
#Leatherman Pass (A)	13E24	9800	3/2	72	25.1	21.7	--
Lost-Wood Divide (A)	14F3	7900	3/2	77	25.8	17.7	20.4*
Mammoth Canyon (A)	13F17	8300	3/2	21	5.8	2.5	--
North Fork Meadow (A)	14F15	8150	3/2	43	14.4	8.2	--
Sage Creek (A)	14E5	7800	3/2	33	8.2	6.9	--
Stickney Mill	14F2	7500	3/2	40	10.9	6.5	7.8
White Knob	13F1	7700	2/26	38	10.4	4.1	7.0*

#### FISH CREEK

#Dry Fork	13F20	7340	2/23	54	18.2	12.4	--
Iron Mine Creek	13F10	6370	2/26	43	13.0	7.1	8.8*
Telfer Ranch	13F6	6000	2/26	36	10.9	6.2	6.9

#### LITTLE WOOD RIVER

#Bear Canyon	13F3	7920	3/2	68	22.5	13.0	15.2
Garfield Rgr. Sta.	13F4	6554	2/26	47	15.0	8.0	9.0
Muldoon	13F5	6300	2/26	36	10.5	6.2	7.2
Porcupine (A)	14F14	8350	3/2	72	24.1	13.0	--
Swede Peak	13F9	7500	2/26	70	21.9	11.9	14.4*

#### BIG WOOD RIVER

Camas Creeks Divide	15F9	5720	2/23	32	11.5	14.1	--
#Couch Summit	14F10	6950	3/1	78	25.4	16.1	15.2*
Dollarhide Summit (A)	14F8	8620	3/2	92	30.8	21.2	21.8*

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DRAINAGE BASIN and SNOW COURSE			CURRENT INFORMATION			PAST RECORD	
			DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	WATER CONTENT (Inches)	
NAME	NO.	ELEVATION				LAST YEAR	AVERAGE <sup>b</sup>
Galena	14F1	7300	2/27	72	23.2	16.2	16.6
Galena Summit	14F12	8795	2/28	86	28.8	18.6	19.3
Graham Ranch	14F5	6200	2/26	57	17.4	12.0	11.5
#Lost Wood Divide (A)	14F3	7900	3/2	77	25.8	17.7	20.4*
Mascot Mine	14F7	7900	2/26	50	15.4	10.6	11.8
Mount Baldy	14F9	9000	2/24	71	23.5	17.6	17.0
#Porcupine (A)	14F14	8350	3/2	72	24.1	13.0	--
Soldier Rgr. Sta.	14F11	6100	3/1	51	17.0	11.7	10.0
#Vienna Mine (A)	14F4	8900	3/2	113	42.9	22.8	30.3*

CANYON CREEK

Bennett Mountain	15F7	6650	2/23	55	19.0	19.0	14.9*
#Camas Creeks Divide	15F9	5720	2/23	32	11.5	14.1	--
#Danskin (A)	15F10	5650	3/2	53	18.3	18.0	--
Dixie Hill	15F8	5230	2/23	14	4.7	3.8	--
Little Camas Flat	15F12	4950	2/23	16	5.2	9.1	--
Long Tom (A)	15F13	4550	3/2	6	2.1	0.0	--
#Willow Cr. Cabin (A)	15F11	4710	3/2	4	1.4	0.0	--

BOISE RIVER

Atlanta Summit	15F4	7500	3/8	115	42.1	28.9	28.6*
Atlanta Summit (A)	15F4	7500	3/2	121	42.1	28.9	28.6*
Atlanta Summit (SP)	15F4	7500	3/8	--	40.0	29.0	--
Bad Bear	15F2	5500	3/1	58	18.2	14.6	11.8*
#Bennett Mountain	15F7	6650	2/23	55	19.0	19.0	14.9*
#Bogus Basin	16F2	6120	3/1	91	29.5	26.3	18.7
Bogus Basin Road	16F4	5360	3/1	28	8.2	3.1	5.2*
#Camas Creeks Div.(A)	15F9	5720	2/23	32	11.5	14.1	--
Couch Summit	14F10	6950	3/1	78	25.4	16.1	15.2*
Danskin (A)	15F10	5650	3/2	53	18.3	18.0	--
Deadman Gulch	16F1	5600	2/27	61	20.3	15.5	13.2*
#Dixie Hill	15F8	5230	2/23	14	4.7	3.8	--
#Dollarhide Smt. (A)	14F8	8620	3/2	92	30.8	21.2	21.8*
Jackson Peak (A)	15E9	7000	3/2	111	37.2	36.2	26.5*
#Little Camas Flat(A)	15F12	4950	2/23	16	5.2	9.1	--
#Long Tom (A)	15F13	4550	3/2	6	2.1	0.0	--
Moore's Creek Summit	15F1	6100	3/1	116	38.9	32.8	27.0
Prairie	15F6	4900	2/25	27	9.2	6.7	4.7
Road Creek	15F3	5550	2/24	36	12.0	13.3	9.0*
#Soldier Rgr. Sta.	14F11	6100	3/1	51	17.0	11.7	10.0
Trinity Mountain	15F5	7780	3/8	130	50.6	37.3	36.4*
Trinity Mountain (A)	15F5	7780	3/2	133	50.8	37.3	36.4*
#Vienna Mine (A)	14F4	8900	3/2	113	42.9	22.8	30.3*
Willow Creek Cabin(A)	15F11	4710	3/2	4	1.4	0.0	--

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## SNOW

DRAINAGE BASIN and SNOW COURSE			CURRENT INFORMATION			PAST RECORD	
			DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	WATER CONTENT (Inches)	
NAME	NO.	ELEVATION				LAST YEAR	AVERAGE <sup>b</sup>

PAYETTE RIVER

#Big Creek Summit	15E2	6600	2/26	115	41.8	33.3	30.1
Bogus Basin	16F2	6120	3/1	91	29.5	26.3	18.7
#Brundage Mountain	16D6	7560	2/25	141	55.2	48.0	--
Cozy Cove	15E8	5900	2/23	62	22.3	18.2	14.1
Crawford Rgr. Sta.	15E3	4800	2/26	35	11.8	8.0	6.9*
#Deadman Gulch	16F1	5600	2/27	61	20.3	15.5	13.2*
Deadwood Airstrip	15E10	5440	2/23	53	18.3	17.9	13.7*
Deadwood Dam	15E7	5290	2/23	60	20.5	19.0	14.8
Deadwood Summit (A)	15E4	7000	3/2	156	56.6	51.6	38.2*
Greenfield Flat (A)	16E7	7370	3/2	132	47.9	46.2	--
High Valley Summit	16E4	5170	2/25	46	13.9	12.2	8.7*
#Jackson Peak (A)	15E9	7000	3/2	111	37.2	36.2	26.5*
Lake Fork	15E1	6000	2/25	62	20.2	14.4	13.8*
#Mica Ridge (A)	16E6	6800	3/2	120	43.6	39.7	--
Rock Flat Summit	16E1	5200	2/25	67	23.0	17.8	15.3
Secesh Summit	15D1	6600	2/28	113	39.3	31.5	--
Silver Cr. Ridge (A)	15E5	5700	3/2	72	24.0	19.2	--
#Squaw Flat (A)	16E5	6230	3/2	91	33.0	29.0	--
Squaw Meadow	15D2	5800	2/28	123	43.4	34.2	32.1*
Tripod Summit	16E3	5200	2/25	64	20.8	21.3	15.6*

WEISER RIVER

Boulder Creek	16D1	5500	2/26	86	27.2	24.8	21.0*
Mica Ridge (A)	16E6	6800	3/2	120	43.6	39.7	--
Placer Creek	16E2	6000	2/26	71	22.7	21.3	14.1*
Squaw Flat (A)	16E5	6230	3/2	91	33.0	29.0	--

MANN CREEK

Mann Creek	16E9	5980	2/22	82	30.4	25.6	--
Robinson Creek Ridge	17E1	6220	2/22	68	27.8	19.3	--
Sturgill Ridge	16E8	6680	2/22	95	36.5	31.8	--
Thorson Cabin	17E2	5320	2/22	50	17.5	14.5	--

## SOIL MOISTURE

STATION		PROFILE (Inches)		SOIL MOISTURE (Inches)			
		DEPTH	CAPACITY	DATE	THIS YEAR	LAST YEAR	2 YEARS AGO
NAME	ELEVATION						
<u>LITTLE LOST RIVER</u>							
Fairview Guard Station	5850	42	7.6	2/24	7.8	8.4	8.5
Wet Creek Summit	8175	48	17.1	2/25	13.1	12.4	16.4
<u>BIG WOOD RIVER</u>							
Galena	7300	48	10.1	2/27	7.3	6.2	8.6
Galena Summit	8795	48	5.8	2/27	Frozen	1.8	5.0
<u>BOISE RIVER</u>							
Bogus Basin Road	4830	48	7.1	3/1	5.6	5.7	5.7

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DRAINAGE BASIN and SNOW COURSE			CURRENT INFORMATION			PAST RECORD	
			DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	WATER CONTENT (Inches)	
NAME	NO.	ELEVATION				LAST YEAR	AVERAGE <sup>b</sup>

MIDDLE SNAKE RIVER BASIN - SOUTHSIDERAFT RIVER

Boy Scout Camp	13G2	7600	3/6	47	15.3	16.2	12.8*
Clear Creek Mdws. Utah	13H2	9050	3/6	70	21.8	19.2	17.5*
Howell Canyon	13G1	8000	3/6	82	30.1	31.2	20.5
One Mile Smt. Utah	13H1	7330	3/6	34	9.0	6.1	6.5*
Sheep Hollow	13G5	6200	3/6	22	5.7	7.4	4.8*
Sublett	12G8	6000	3/6	44	12.9	11.9	9.0
Summit Springs	12G9	6400	3/6	42	13.8	13.6	8.2*

GOOSE CREEK

Badger Gulch	14G3	6660	3/2	35	11.7	12.8	9.3
Bostetter Rgr. Sta.	14G1	7500	3/2	64	21.6	20.0	15.8

SALMON FALLS CREEK

#Bear Creek Nev.	15H1	7800	3/2	72	22.1	18.8	15.3*
Cedar Creek	14G5	7000	3/2	38	10.0	8.6	8.9*
Deadline	14G4	6900	3/2	72	23.5	24.1	18.1*
#Fox Creek Nev.	15H2	6800	3/2	41	12.2	9.6	7.9*
Goat Creek Nev.	15H13	8800	3/2	68	22.4	15.8	14.9*
#Hummingbird Spgs. Nev.	15H15	8945	3/2	83	28.0	22.0	17.5*
Magic Mountain	14G2	6700	3/2	61	19.9	20.6	14.5
#Pole Creek R.S. Nev.	15H14	8330	3/2	73	23.5	17.8	15.3*
Red Point Nev.	15H18	7940	3/2	40	14.3	10.2	9.5*
Shoshone Basin	14G6	5740	3/2	15	4.0	4.0	3.2*
Wilson Creek	15G2	7500	3/2	40	11.2	10.2	--

BRUNEAU RIVER

Bear Creek Nev.	15H1	7800	3/2	72	22.1	18.8	15.3*
Fox Creek Nev.	15H2	6800	3/2	41	12.2	9.6	7.9*
Hummingbird Spgs. Nev.	15H15	8945	3/2	83	28.0	22.0	17.5*
Pole Creek R.S. Nev.	15H14	8330	3/2	73	23.5	17.8	15.3*
#Seventy-six Cr. Nev.	15H3	7100	3/2	41	12.3	14.4	9.1*

OWYHEE RIVER

Antelope Ridge	16G6	5900	2/26	22	7.5	6.3	4.2*
Battle Creek (A)	16G9	5700	3/6	4	1.2	0.4	--
#Bear Creek Nev.	15H1	7800	3/2	72	22.1	18.8	15.3*
Bull Basin (A)	16G10	5600	3/6	4	1.2	0.0	--
#Fox Creek Nev.	15H2	6800	3/2	41	12.2	9.6	7.9*
Hyde Pasture (A)	16G5	5800	3/6	16	5.1	4.4	--
Mud Flat	16G7	5500	2/26	21	6.3	6.2	4.7*
Red Canyon (A)	16G11	6650	3/6	21	6.7	7.8	--

(b) 1953-67, 15 year period. \* Not located directly on this drainage. \* Estimated 1953-67, 15 year Average. (A) Aerial observation; Water content estimated. (SP) Pressure Pillow snow-water equivalent. (R) Radioactive Gage snow-water equivalent.

## SNOW

DRAINAGE BASIN and SNOW COURSE			CURRENT INFORMATION			PAST RECORD	
			DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	WATER CONTENT (Inches)	
NAME	NO.	ELEVATION				LAST YEAR	AVERAGE <sup>b</sup>

#Seventy-six Cr. Nev.	15H3	7100	3/2	41	12.3	14.4	9.1*
Silver City	16F3	6400	3/2	49	15.7	15.5	12.5
South Mountain	16G1	6340	3/2	34	12.7	13.6	9.5
Succor Creek (A)	16F6	6100	3/6	8	2.6	4.4	--
Triangle (A)	16G4	5150	3/6	4	1.2	0.0	--
Vaught Ranch (A)	16G12	5950	3/6	4	1.2	3.0	--
War Eagle (A)	16G13	7700	3/6	52	16.6	29.1	--

## SOIL MOISTURE

STATION		PROFILE (Inches)		SOIL MOISTURE (Inches)			
		DEPTH	CAPACITY	DATE	THIS YEAR	LAST YEAR	2 YEARS AGO
NAME	ELEVATION						
<u>RAFT RIVER</u>							
Conner Pass	5700	36	9.8	2/23	8.9	8.9 <sup>f</sup>	8.3 <sup>f</sup>
Howell Canyon	8000	48	11.5	3/6	9.6	7.2	7.3
Sheep Hollow	6200	36	7.5	3/6	7.0	6.1	--
Sublett	6000	36	7.0	3/6	6.0	5.8	7.3 <sup>f</sup>
<u>GOOSE CREEK</u>							
Badger Gulch	6660	36	7.0	3/2	7.0	6.3	5.8 <sup>f</sup>
<u>SALMON FALLS CREEK</u>							
Deadline	6900	36	7.4	3/2	7.2	6.6	7.2
Patrick Ranch	5720	36	7.7	2/23	6.6	6.7	6.8
Pole Creek R. S.	8330	48	9.7	3/2	9.1	4.9	6.2
<u>BRUNEAU RIVER</u>							
Bear Creek	7800	72	16.9	3/2	15.4	10.9	11.9
<u>OWYHEE RIVER</u>							
Mud Flat	5500	48	12.8	2/26	14.0	14.4	14.3
f February Measurement							

(b) 1953-67, 15 year period. \* Not located directly on this drainage. \* Estimated 1953-67, 15 year Average. (A) Aerial observation; Water content estimated. (SP) Pressure Pillow snow-water equivalent. (R) Radioactive Gage snow-water equivalent.

## SNOW

DRAINAGE BASIN and SNOW COURSE			CURRENT INFORMATION			PAST RECORD	
			DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	WATER CONTENT (Inches)	
NAME	NO.	ELEVATION				LAST YEAR	AVERAGE <sup>b</sup>

## UPPER SNAKE RIVER BASIN

## CAMAS-BEAVER CREEKS

Camp Creek	12E3	6800	2/24	45	13.3	6.5	7.8
Kilgore	11E12	6200	2/26	47	15.6	10.5	8.3

## MEDICINE LODGE CREEK

Irving Creek	12E4	7035	2/25	32	7.2	4.0	4.5*
Webber Creek	12E5	6700	2/25	33	7.9	4.0	4.2*

## HENRYS FORK RIVER

Big Springs	11E9	6500	2/25	75	26.2	18.6	17.9
Black Canyon	11E18	7850	2/24	106	39.6	26.8	28.5*
Black Moose	11E19	8125	2/24	119	47.6	33.8	34.0*
Grassy Lake Wyo.	10E15	7230	2/27	110	41.1	33.2	29.1
Island Park	11E10	6315	2/25	66	20.7	15.1	13.9
Latham Springs	11E16	7650	2/24	100	37.4	27.8	27.8*
Lucky Dog	11E14	6900	2/24	86	32.0	22.2	21.1*
Old Road	11E15	7250	2/24	93	34.8	25.6	24.3*
Poacher's Cabin	11E17	8000	2/24	98	37.8	27.4	29.0*
Sawtelle Mountain	11E32	8715	2/25	109	39.5	26.0	--
Targhee Pass	11E34	7000	2/25	60	18.7	9.9	--
Valley View	11E8	6500	2/25	65	22.2	10.1	13.3

## TETON RIVER

Darby Canyon (A)	10F21	8250	3/1	76	25.8	21.4	--
Freds Mountain	10F22	8000	2/26	84	28.6	26.0	--
Pine Creek Pass	11F2	6750	2/26	55	16.7	18.9	14.6*
State Line	11F1	6400	2/26	48	14.1	13.1	12.2

## WILLOW CREEK

Aspen Grove	11F10	6600	2/26	42	12.2	10.5	--
Birch Creek	11F3	6800	2/26	36	10.1	8.3	--
Bone	11F8	6200	3/1	33	9.1	7.1	--
Ozone	11F4	5800	3/1	3	0.4	0.0	--
Sheep Mountain	11F11	6510	3/1	54	16.1	12.4	--
Tex Creek	11F5	6700	2/26	37	9.8	7.0	--

## SAND CREEK

Henry Creek	11F6	5650	2/25	6	1.3	0.0	--
Taylor Mountain	11F7	6500	2/25	26	8.4	10.1	--

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## SNOW

DRAINAGE BASIN and SNOW COURSE			CURRENT INFORMATION			PAST RECORD	
NAME	NO.	ELEVATION	DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	WATER CONTENT (Inches)	
						LAST YEAR	AVERAGE <sup>b</sup>

BLACKFOOT RIVER

Austin Bros. Ranch	11G3	6450	3/1	37	11.0	7.4	6.8*
China Hat	11G2	6300	3/1	24	6.8	5.8	5.4
Slug Creek Divide	11G5	7225	2/24	55	19.4	14.8	13.1*
Somsen Ranch	11G1	7000	3/1	54	16.9	15.0	9.9*

PORTNEUF RIVER

Cove	11G25	5525	2/25	23	5.8	0.0	--
Dempsey Creek	12G5	6280	2/24	45	14.3	10.4	9.1*
Lower Pebble	12G6	5800	2/26	54	16.0	10.6	--
Mink Creek	12G1	6300	2/24	49	16.6	13.4	12.7
Moser	11G24	5950	2/25	37	10.8	7.9	--
North Bancroft #1	11G23	5460	2/25	14	5.2	0.0	--
North Bancroft #2	11G22	5430	2/25	9	3.2	0.0	--
Pebble Creek	12G2	6550	2/26	50	17.6	14.2	12.1

## SOIL MOISTURE

STATION		PROFILE (Inches)		SOIL MOISTURE (Inches)			
NAME	ELEVATION	DEPTH	CAPACITY	DATE	THIS YEAR	LAST YEAR	2 YEARS AGO
<u>HENRYS FORK RIVER</u>							
Island Park	6315	48	9.9	2/25	8.3	7.6	9.2
Valley View	6500	48	13.3	2/25	Frozen	Frozen	11.0
<u>TETON RIVER</u>							
Pine Creek Pass	6750	48	13.3	2/26	12.2	12.1	14.7
State Line	6400	48	14.8	2/26	13.9	12.6	14.2
Teton Pass	8500	48	10.5	3/1	11.6	7.2	8.1
<u>PORTNEUF RIVER</u>							
Lower Dempsey	5210	48	18.7	2/24	19.9	21.0	19.7
Lower Pebble	5800	36	7.6	2/26	6.4	4.8	8.5
Pebble Creek	6550	48	7.2	2/26	6.2	4.5	6.4

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## SNOW

DRAINAGE BASIN and SNOW COURSE			CURRENT INFORMATION			PAST RECORD	
			DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	WATER CONTENT (Inches)	
NAME	NO.	ELEVATION				LAST YEAR	AVERAGE <sup>b</sup>

GREAT BASINBEAR RIVER

Emigrant Summit	11G6	7350	2/24	82	31.6	21.8	19.2*
Emigration Canyon	11G7	6500	2/24	41	13.0	9.8	8.6*

Montpelier Creek

Giveout	11G16	6840	2/25	52	15.3	10.9	10.1*
Little Beaver	11G20	6970	2/25	60	19.1	12.7	13.4*
Lower Home Canyon	11G27	7500	2/26	60	17.6	12.6	--
Montpelier Creek	11G18	6570	2/25	37	9.5	7.2	6.8*
Upper Home Canyon	11G26	8500	2/26	90	30.2	20.7	--
Whiskey Flat	11G21	6985	2/25	41	13.2	6.5	8.1*

Mink Creek

Christensen Ranch	11G11	5600	2/23	35	10.6	4.9	7.3*
Dry Basin (A)	11G14	7900	3/2	98	34.0	--	--
#Emigrant Summit	11G6	7350	2/24	82	31.6	21.8	19.2*
Horseshoe Basin (A)	11G15	8000	3/2	86	30.0	--	--
Liberty Spring	11G13	8600	2/22	123	46.9	32.3	--
Strawberry Creek	11G9	5800	2/23	41	12.4	6.3	9.3*
Strawberry Mink Div.	11G10	6800	2/23	73	25.8	15.7	17.2*

Cub River

Cub River R. S.	11G12	5400	2/23	33	10.2	7.4	7.5*
Willow Flat	11G4	6100	2/23	53	18.3	10.3	12.7*

MALAD RIVER

Cliff Canyon	12G13	7200	3/2	35	9.6	5.4	--
Daniels Creek	12G12	6400	3/2	27	7.5	3.1	--
Dry Creek Flat	12G4	6350	3/1	32	10.8	3.4	6.2*
Lower Elkhorn	12G11	6850	2/26	47	13.9	12.5	--
Oxford Mountain	12G3	6800	3/1	39	11.5	8.6	8.0*
Upper Elkhorn	12G10	7100	2/26	63	20.1	17.6	--

## SOIL MOISTURE

STATION		PROFILE (Inches)		SOIL MOISTURE (Inches)			
		DEPTH	CAPACITY	DATE	THIS YEAR	LAST YEAR	2 YEARS AGO
NAME	ELEVATION						
<u>BEAR RIVER</u>							
Emigrant Summit	7350	36	8.2	2/24	6.7	6.2	--
Strawberry Creek	5800	48	12.7	2/24	11.7	8.0	11.8
<u>Montpelier Creek</u>							
Giveout Pass	7025	36	9.4	2/25	7.4	4.2	--
Jenson Ranch	6580	48	18.7	2/25	7.4	10.5	--

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# Agencies and Organizations Cooperating in Idaho Snow Surveys

## GOVERNMENT AGENCIES

### Canada:

Department of Lands, Forests, and  
Water Resources, British Columbia  
Department of Resources and Development,  
Water Resources Division

### States:

Idaho State Department of Water Administration  
State of Idaho Department of Fish and Game  
University of Idaho  
Idaho State University  
Montana Agricultural Experiment Station  
Montana State Water Conservation Board  
Nevada Cooperative Snow Surveys  
Oregon Agricultural Experiment Station  
Oregon Cooperative Snow Surveys  
Oregon State Engineer and Corps of  
State Watermasters  
Utah Cooperative Snow Surveys  
Wyoming Cooperative Snow Surveys

### Federal:

U. S. Army Engineers  
U. S. Department of Agriculture  
Forest Service  
Agricultural Research Service  
U. S. Department of Commerce  
Environmental Sciences Service Administration,  
Weather Bureau  
U. S. Department of the Interior  
Bonneville Power Administration  
Bureau of Reclamation  
Fish and Wildlife Service  
Water Resources Division, Geological Survey  
Indian Service  
National Park Service  
Bureau of Land Management

## PUBLIC UTILITIES

The Montana Power Company  
Washington Water Power Company  
Idaho Power Company  
Utah Power and Light Company

## ORGANIZED PUBLIC AGENCIES

Big Lost River Irrigation District  
Boise Project Board of Control  
Little Wood River Irrigation District  
Jordan Valley Irrigation District  
Salmon Falls Creek Irrigation Company  
Twin Falls Soil Conservation District  
Twin Lakes Irrigation Company  
Big Wood Irrigation Company  
Owyhee Project - North & South Board of Control

## PRIVATE CORPORATIONS

Amalgamated Sugar Company

*Other organizations and individuals furnish valuable information for  
snow survey reports. Their cooperation is gratefully acknowledged.*

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